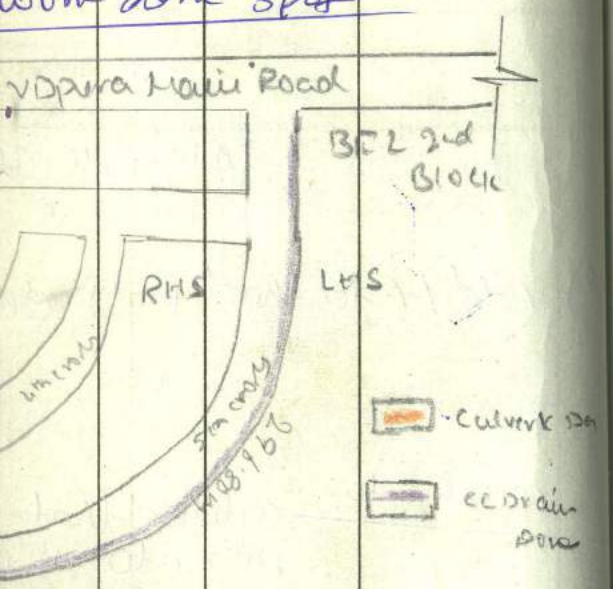
T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
work done Spot			



First & Final Bill

SBRNO-286/14-15
D: 23-2-15

M. A. R. 57 (Rule 116)
Measurement Book

BRNO: 460/23-2-15
No. B

Serial No. .....
Name of Work ..... Providing Street Signage Board in ward no-40 From Dodda bommasandra To Vidyaranyapura Sub division 251452
Name of Contractor of nature of Agency ..... Sri: R. Vijaya Kumar. (C.K. constructions)
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work code NO; 010-15-000049.						
	Agreement NO; 188 Dated 7/01/2015.						
	Work order NO; EE/BTP/BBMP/E-PMT/188/2014-15. Date 7/01/2015.						
	Address of Agency; C.K. constructions #48/5, 'C' Block, Shakarangara Bangalore-92.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurement Recorded on 7/1/2019						
1)	providing and fixing RCC name board of Size 1.35x0.60x0.04 mtrs fixed in reinforced cement concrete poles of Size 0.10x0.10x2.60 mtrs in cement concrete 1:1½:3 proportion using 20mm and down Size graded metal machine mixed with 10mm dia main steel bars and 8mm dia stirrups Show in drawing the board shall be provided with 12mm thick as per Specifical						
	bloom fied garden, Ramma na garden & bloom moon garden	1	8.0		=	8.00 Nos	
		1	12.0		=	12.00 Nos	
		1	6.0		=	6.00 Nos	
	1st cross bloom fied garden 2nd block 1st & 2nd cross Road	1	15.0		=	15.00 Nos	
		1	18.0		=	18.00 Nos	
		1	12.0		=	12.00 Nos	
		1	9		=	9.00 Nos	
					Total=	80.00 Nos	
		@ RS 5152.00				RS 412160.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
2)	providing and fixing S M.S. Sheet 5mm thick cement concrete 1:1½:3 machine mixed with 10 drawing, the poles sha cement concrete 1:3:6 P Chamundeshwari Layout, Nanjappa Layout C- Ramaiya Layout & BEL 2nd Block

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
(2015			
of Size 1.35x Ko.60xo.04 mtrs fixed			
f Size 0.10x0.10x2.60 mtrs in cement			
n and down Size graded metal			
Steel bars and 8mm dia Stirrups Show			
d with 12mm thick as per Specifical			
		= 8.00 Nos	
		= 12.00 Nos	
		= 6.00 Nos	
		= 15.00 Nos	
		= 18.0 Nos	
		= 12.00 Nos	
		= 9.00 Nos	
	Total=	80.00 Nos	
152.00		RD 412160.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251453

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
2)	Providing and fixing Sign board of Size 60x60cm equilateral triangle using M.S. Sheet 5mm thick with RCC Pole of Size 0.15x0.15x2.3mt made out of Cement concrete 1:1½:3 proportion using 20mm and down Size graded metal machine mixed with 10mm ϕ main steel bars and 8mm ϕ Stirrups as shown in drawing, the Poles shall be embedded in the ground for a depth 0.60mts with Cement concrete 1:3:6 proportion, the board shall be fixed as per drawing.						
	Chamundeshwari Layout,	1	10.0			= 10.00 Nos	
	Nanjappa Layout C-	1	8.0			= 8.00 Nos	
	Ramaiya Layout &	1	12.0			= 12.00 Nos	
	BEL 2nd Block	1	6.0			= 6.00 Nos	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st cross C-Ramaiya Lyt	1	9.0		=	9.00 Nos	
	8th cross C-Ramaiya Lay	1	12.0		=	12.00 Nos	
		1	13.0		=	13.00 Nos	
		1	10.0		=	10.00 Nos	
					Total =	80.00 Nos	
		@ RS 3756.75				RS 300540.00	
3)	Earth work excavation for foundation of buildings, Culverts water Supply Sanitary line and electrical conduits either in pits or in trenches 1.5m above in width, in Hard Soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated Soil clear from edges of excavation with lead upto 50m.						
	1st Main Maruthiwara Layout	8	0.60	0.60	0.90 =	2.59 cum	
		12	0.60	0.60	0.90 =	3.89 cum	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	1st Cross Road Maruthiwara Layout
	1st Cross G. Krishna Murthy Layout
	2nd Cross G. Krishna Murthy Layout
	1st Main BEL Layout
	2nd Main BEL Layout

NT BOOK

ensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
			= 9.00 Nos	
			= 12.00 Nos	
			= 13.00 Nos	
			= 10.00 Nos	
			Total = 80.00 Nos	
6.75			RS 300540.00	

of buildings. Culverts water Supply
either in pits or in trenches 1.5m
ceeding 1.5m in depth including
d trenches, Stacking the excavated
th lead upto 50m.
0.60 0.90 = 2.89 cum
0.60 0.90 = 3.89 cum

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251454

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	1st Cross Road Muneshwara Layout	6	0.60	0.60	0.90 =	1.94 cum	
		15	0.60	0.60	0.90 =	4.86 cum	
		18	0.60	0.60	0.90 =	5.83 cum	
	1st Cross G. Krishna Murthy Layout	12	0.60	0.60	0.90 =	3.89 cum	
		9	0.60	0.60	0.90 =	2.92 cum	
		10	0.60	0.60	0.90 =	3.24 cum	
	2nd Cross G. Krishna Murthy Layout	8	0.60	0.60	0.90 =	2.59 cum	
		12	0.60	0.60	0.90 =	3.89 cum	
		6	0.60	0.60	0.90 =	1.94 cum	
	1st Main BEL Layout	9	0.60	0.60	0.90 =	2.92 cum	
	2nd Main BEL Yout	12	0.60	0.60	0.90 =	3.89 cum	
		13	0.60	0.60	0.90 =	4.21 cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		10	0.60	0.60	0.90 = 3.24 Cum		
					Total = 51.84 Cum		
		@ Rs 263.00				Rs 13634.00	
	4) Lead for Disposal of Debris shall be payable at carriage rates by mechanical means including loading and unloading etc. complete as per the direction of the engineer incharge of the work.						
	Qty Vide Item No-03					= 51.84 Cum	
		@ Rs 73.96				Rs 3834.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
	5) providing and laying in	
	cement @ 300kgs. with	
	aggregates @ 0.64 Cum and	
	machine mixed, concrete (M	
	compacted, in foundation	
	1st Main Muneshwara	
	Layout	
	1st cross Road	
	Muneshwara Layout	
	1st Cross Chikkahanu	
	Reddy Layout	

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
0.60	0.90 =	3.24 cum	
	Total =	51.84 cum	
90		RS	13634.00
Payable at carriage rates by and unloading etc. complete of Pay of the work.			
0-03	=	51.84 cum	
		RS	3834.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251455

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
5)	Providing and laying in position plain cement concrete of M20 with OPC cement @ 300kgs. with 20mm and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregates @ 0.43 cum with Superplastisizer @ 3% machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation, plinth and cills, including cost of all materials.						
	1st Main Muneshwara Layout	8	0.60	0.60	0.50 =	1.44 cum	
		12	0.60	0.60	0.50 =	2.16 cum	
		6	0.60	0.60	0.50 =	1.08 cum	
	1st cross Road Muneshwara Layout	15	0.60	0.60	0.50 =	2.70 cum	
		18	0.60	0.60	0.50 =	3.24 cum	
	1st Cross Cubbonshard Murthy Layout	12	0.60	0.60	0.50 =	2.16 cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2nd cross G. Krishna Murthy Layout	9	0.60	0.60	0.50 =	1.62 cum	
		10	0.60	0.60	0.50 =	1.80 cum	
		8	0.60	0.60	0.50 =	1.44 cum	
	1st Main BEC Layout	12	0.60	0.60	0.50 =	2.16 cum	
		6	0.60	0.60	0.50 =	1.08 cum	
	2nd Main BEC Layout	9	0.60	0.60	0.50 =	1.62 cum	
		12	0.60	0.60	0.50 =	2.16 cum	
		13	0.60	0.60	0.50 =	2.34 cum	
		10	0.60	0.60	0.50 =	1.80 cum	
					Total =	28.80 cum	
		@ Rs 5816.52				Rs 167516.00	
6)	painting lines, dashes, arrows etc on roads in two coats on new work painting lines, dashes new work with ready mixed road marking Paint conforming to IS:164 on Bituminous Surface, including cleaning						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	the Surface of all dirt, and traffic control etc.
	1st Main Muneshwara Layout.
	1st cross Road Muneshwara Layout
	1st cross G. Krishnamurthy Layout
	2nd cross G. Krishna Murthy Layout

IT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
0.60	0.50 =	1.62 cum	
0.60	0.50 =	1.80 cum	
0.60	0.50 =	1.44 cum	
0.60	0.50 =	2.16 cum	
0.60	0.50 =	1.08 cum	
0.60	0.50 =	1.62 cum	
0.60	0.50 =	2.16 cum	
0.60	0.50 =	2.34 cum	
0.60	0.50 =	1.80 cum	
	Total =	28.80 cum	
52			RS 1675/16.00

eds in two coats on new work ready mixed road making Paint Surface, including cleaning

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251456

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	the Surface of all dirt, dust and other foreign matter, demarcation of the and traffic control etc	8	1.60		0.65 =	16.64 Sqm	
	1st Main Muneshwara Layout.	12	1.60		0.65 =	24.96 Sqm	
		6	1.60		0.65 =	12.48 Sqm	
		15	1.60		0.65 =	31.20 Sqm	
	1st cross Road Muneshwara Layout	18	1.60		0.65 =	37.44 Sqm	
		12	1.60		0.65 =	24.96 Sqm	
	1st cross A. Krishnamurthy Layout	9	1.60		0.65 =	18.72 Sqm	
		10	1.60		0.65 =	20.80 Sqm	
	2nd cross A. Krishnamurthy Layout	8	1.60		0.65 =	16.64 Sqm	
		12	1.60		0.65 =	24.96 Sqm	
		6	1.60		0.65 =	12.48 Sqm.	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st Main BEL Layout	9	1.60		0.65 =	18.72 Sqm	
		12	1.60		0.65 =	24.96 Sqm	
	2nd Main BEL Layout	13	1.60		0.65 =	27.04 Sqm	
		10	1.60		0.65 =	20.80 Sqm	
	1st Main Bloomfield Gaarden	8	1.00		0.60 =	9.60 Sqm	
		12	1.00		0.60 =	14.40 Sqm	
	2nd Main Bloomfield Gaarden.	6	1.00		0.60 =	7.20 Sqm	
		15	1.00		0.60 =	18.00 Sqm	
		18	1.00		0.60 =	21.60 Sqm	
	1st Main Krutika Nursing Road Nanjappa Layout	12	1.00		0.60 =	14.40 Sqm	
		9	1.00		0.60 =	10.80 Sqm	
		10	1.00		0.60 =	12.00 Sqm	
		8	1.00		0.60 =	9.60 Sqm	
		12	1.00		0.60 =	14.40 Sqm	
		6	1.00		0.60 =	7.20 Sqm	
	OPP Approval Pavements Roads	9	1.00		0.60 =	10.80 Sqm	
		12	1.00		0.60 =	14.40 Sqm	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
	C & FC	
	7) painting new letter and f	
	block or any other appro	
	Hindi (Matra) commas and	
	be counted as half) etc	
	incharge of the work	

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
	0.65 =	18.72 Sqm	
	0.65 =	24.96 Sqm	
	0.65 =	27.04 Sqm	
	0.65 =	20.80 Sqm	
	0.60 =	9.60 Sqm	
	0.60 =	14.40 Sqm	
	0.60 =	7.20 Sqm	
	0.60 =	18.00 Sqm	
	0.60 =	21.60 Sqm	
	0.60 =	14.40 Sqm	
	0.60 =	10.80 Sqm	
	0.60 =	12.00 Sqm	
	0.60 =	9.60 Sqm	
	0.60 =	14.40 Sqm	
	0.60 =	7.20 Sqm	
	0.60 =	10.80 Sqm	
	0.60 =	14.40 Sqm	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

251457

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		13	1.00		0.60 =	15.60 Sqm	
		10	1.00		0.60 =	12.00 Sqm	
					Total =	524.80 Sqm	
	C&FC						
	23/12/2015						
	S.O. (W.S.)	@ Rs 116.20				Rs 60982.00	
7)	painting new letter and figures of any shade with Synthetic enamel paint black or any other approved colour to give an even shade complete as per specification Hindi (Matra) comma and ful like not be measured and paid for half letter shall be counted as half) etc complete as per the direction of the engineer incharge of the work with all lead and lifts as per direction of engineer						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		L	35000		=	35000 Cum	
		@	Rs 0.69			Rs 24150.00	
	8) Add 4% Charges of third Party inspection					Rs 9828.00	
						Total Rs 992644.00	
23/2	Rupees Nine Lakhs Ninty two thousand Six hundred fourty four only						982813
	Zadhav AE 23/2/15						
	Certificate:						
	certified that the above work done satisfactory and no materials issued from departmentally						
	Zadhav AE 23/2/2015						
	Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore - 97						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	855303	982813

NT BOOK

ensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
			= 35000 Cum	
			RS 24150.00	
pection			RS 9828.00	
			Total RS 992644.00	
				982813/=
nd Six hundred fourty four only				
			Jadhav AE 23/2/15	
e Satisfactory and no materials				
			Received 23/2	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251458

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		982813 =					
		122510 =					
						IT - 19658 -	
						VAT - 39713 -	
						Cess - 5405 5 -	
						Cess - 9828 -	
						CESS - 983 -	
						Roy - 3675 -	
		855303 =					
						18/2/16.	
						TOTAL 122510 =	